

Title (en)

Interactive audio content generation, delivery, playback and sharing

Title (de)

Interaktive Audioinhalts erzeugung, -ausgabe, -wiedergabe und gemeinsame Nutzung

Title (fr)

Génération, distribution, lecture et partage de contenu audio interactif

Publication

EP 2830041 A2 20150128 (EN)

Application

EP 14178060 A 20140722

Priority

US 201361857121 P 20130722

Abstract (en)

Control data templates are generated independent of a plurality of audio elements based on user input. The user input relates to parameter values and control inputs for operations. In response to receiving audio elements after the control data templates are generated, audio objects are generated to store audio sample data representing the audio elements. Control data is generated based on the parameter values and the control inputs for the operations in the control data templates. The control data specifies the operations to be performed while rendering the audio objects. The control data is then stored separately from the audio sample data in the audio objects. The audio objects can be communicated to downstream recipient devices for rendering and/or remixing.

IPC 8 full level

H04S 7/00 (2006.01); **G10H 1/00** (2006.01)

CPC (source: EP US)

G06F 16/60 (2019.01 - EP US); **G06F 16/68** (2019.01 - US); **G10H 1/0025** (2013.01 - EP US); **G10H 1/46** (2013.01 - EP US); **G10L 19/008** (2013.01 - US); **H04S 7/30** (2013.01 - EP US); **G10H 2210/131** (2013.01 - EP US); **H04S 2400/11** (2013.01 - EP US)

Cited by

EP3336834A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2830041 A2 20150128; **EP 2830041 A3 20150422**; US 2015025664 A1 20150122; US 9411882 B2 20160809

DOCDB simple family (application)

EP 14178060 A 20140722; US 201414334802 A 20140718